

SEQUENCE LISTING

<110> THE GOVERNMENT OF THE UNITED STATES OF AMERICA, as
Collins, Peter L.
Bukreyev, Alexander
Murphy, Brian R.
Whitehead, Stephen S.

<120> PRODUCTION OF RECOMBINANT RESPIRATORY SYNCYTIAL VIRUSES
EXPRESSING IMMUNE MODULATORY MOLECULES

<130> 15280-388000PC

<140>

<141>

<150> 60/143,425

<151> 1999-07-13

<160> 10

<170> PatentIn Ver. 2.1

<210> 1
<211> 41
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Gene start
attachment oligonucleotide for MIFNy

<400> 1
tatacccgaa atggggcaaa tatgaacgct acacactgca t 41

<210> 2
<211> 44
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Gene end
attachment oligonucleotide for MIFNy

<400> 2
attacccggg aatttttaat aacttcagca gcgactccctt ttcc 44

<210> 3
<211> 41
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: PCR primer for
IL-2 with gene start sequence

<400> 3
tataaccggg atggggcaaa tatgtacagc atgcagctcg c 41

<210> 4
<211> 44
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: PCR primer for
IL-2 with gene end sequence

<400> 4
attaccggg aatttttaat aactttattg agggcttgtt gaga 44

<210> 5
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Sequence
flanking IFNy insert with gene start

<400> 5
cccgggatgg gcaaataatg 20

<210> 6
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Sequence
flanking IFNy insert with gene end

<400> 6
tgaagttatt aaaaattccc ggg

23

<210> 7
<211> 14
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Detail of XmaI linked sequences

<400> 7
aggccccggg gcct

14

<210> 8
<211> 83
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Sequence flanking GMLSF insert with gene start

<400> 8
agttaactaa aaacatatta tcacaaaagg ccccggggcc ttgaccaaac ttaaacagaa 60
tcaaaataaa ctctggggca aat 83

<210> 9
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Sequence flanking GMLSF insert with gene end

<400> 9
cccgggatgg ggcaaataatg

20

<210> 10
<211> 23
<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Detail of XmaI
linked sequences

<400> 10

taaagtatt aaaaattccc ggg

23